

ABSTRACT

The present invention relates to novel constructs and compositions and to a novel method for regulating the expression of a transgene of interest *in vivo* by conditional inhibition, and to the uses thereof in experimental, clinical and therapeutic domains or for the production of animals or plants.

For example, the novel regulation method is based on the coexpression of a transgene of interest encoding a transcript of interest and of an inhibitory transgene encoding an inhibitory transcript specific for the transcript of interest, so as to obtain constitutive inhibition of the activity of the transcript of interest, and to be able to ensure effective regulation of the transcript of interest, either by inhibiting its inhibitory transcript, or by activating the transcript of interest, or alternatively by activating the transcript of interest and concomitantly inhibiting its inhibitory transcript.

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